

PATENT ABSTRACTS OF JAPAN

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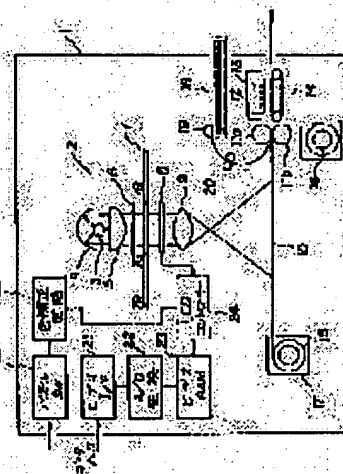
(21)Application number : 02-316826 (71)Applicant : BROTHER IND LTD
(22)Date of filing : 21.11.1990 (72)Inventor : IMAI MASAOKI

(54) LIQUID CRYSTAL LIGHT-EXPOSURE DEVICE

(57)Abstract:

PURPOSE: To carry out color correction freely and easily by varying the balance of the light exposure quantity of red, green, and blue without varying the luminous intensity of a light source by allowing a light exposure control means to control the light exposure time in correspondence with the color balance set by a color balance setting means.

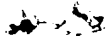
CONSTITUTION: The light which is radiated from a light source 3 and transmitted through a light collecting optical means 5, color filter unit 7, liquid crystal display panel 8 and an image focusing optical means 9 is radiated on a photosensitive recording medium 10, and an image displayed on the liquid crystal display panel 8 by a liquid crystal display panel drive control means 24 is image-focused on the photosensitive recording medium 10. At this time, an operator can set the desired color balance by a panel switch 25 as color balance setting means, and a color correction circuit 26 as light-exposure control means determines and controls each light exposure time of R, G, and B, i.e., the light transmission time of an LCD panel 8. Accordingly, color correction can be carried out freely and easily.



LEGAL STATUS

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